

Honolulu High-Capacity Transit Corridor Project Alternatives Analysis

Community Update Meeting 4 Summary Report

March 27, 2007

**Prepared for:
City and County of Honolulu**

**Prepared by:
Parsons Brinckerhoff Quade & Douglas, Inc.**

The fourth Community Update meeting was held on Tuesday, August 8, 2006 at Mililani High School Cafeteria. It was attended by approximately 60 people.

Attached is the meeting agenda, a copy of the PowerPoint presentation and a copy of the sign-up sheet.

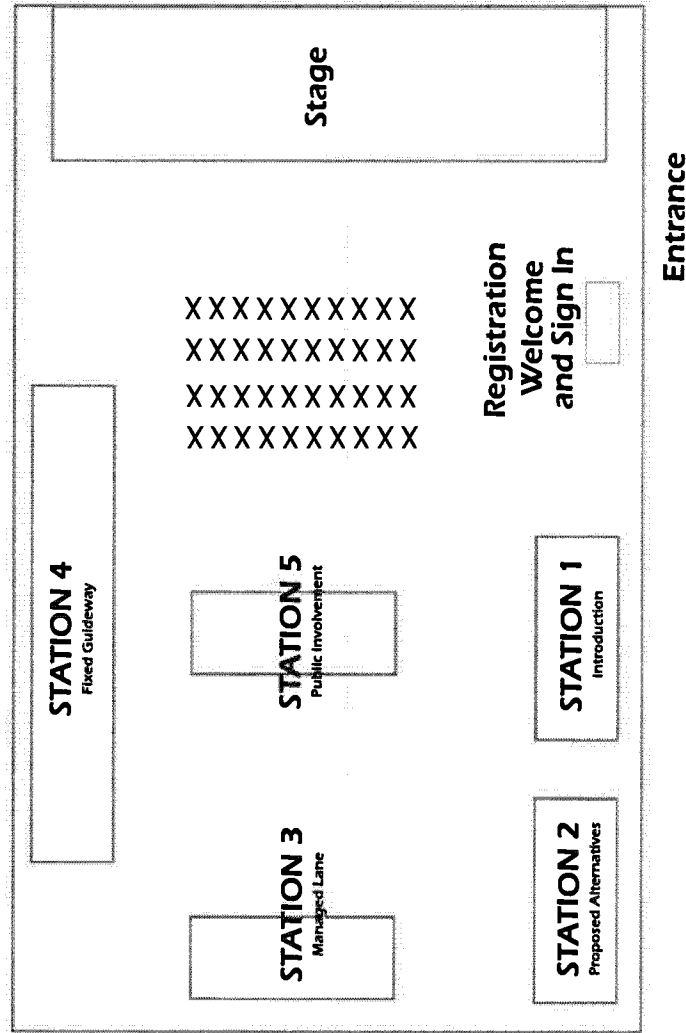
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COMMUNITY UPDATE AGENDA

Tuesday, August 8, 2006
7:00 p.m. - 8:30 p.m.
Millilani High School Cafeteria

- 7:00 p.m. - 7:30 p.m.
Registration
Visit Stations
Meet with Project Team
- 7:30 p.m. - 8:00 p.m.
Formal Presentation
- 8:00 p.m. - CLOSING
Visit Stations for Q & A



Millilani High School Cafeteria Floor Plan

Honolulu On The Move

An Update on the Honolulu High-Capacity Transit Corridor Project

Community Update

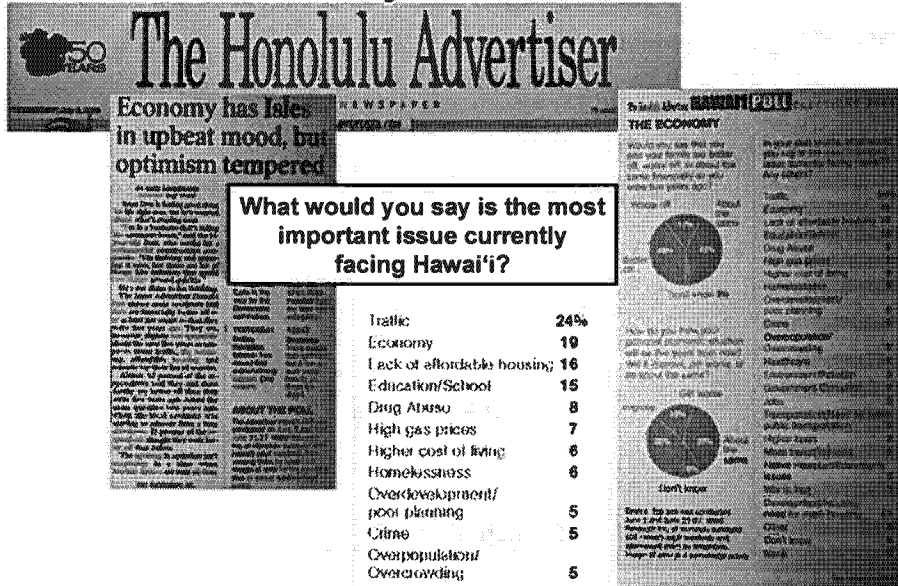
August 8, 2006

www.honolulutransit.org
566-2299

Introduction

- Purpose
- Project Corridor
- Alternatives
- Visual Simulations
- Schedule

Mobility is Issue #1

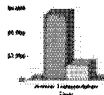


Purpose and Need



**IMPROVE RELIABILITY
FASTER
MORE RELIABLE
TRANSIT**

**PROVIDE AN
ALTERNATIVE
TO PRIVATE
AUTO**



IMPROVE EQUITY

PURPOSE

**MODERATE
TRAFFIC
CONGESTION**



IMPROVE MOBILITY

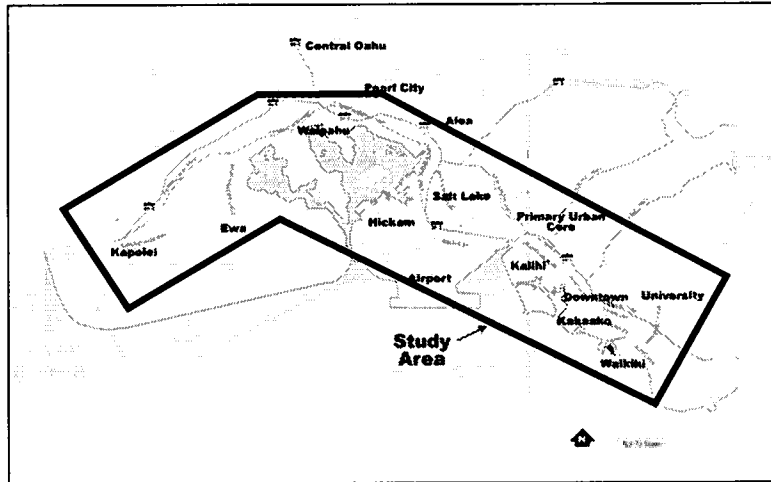
**IMPROVE LINKAGES
Kapolei
UH Mānoa
Urban Center
Waikiki**

The Honolulu Advertiser

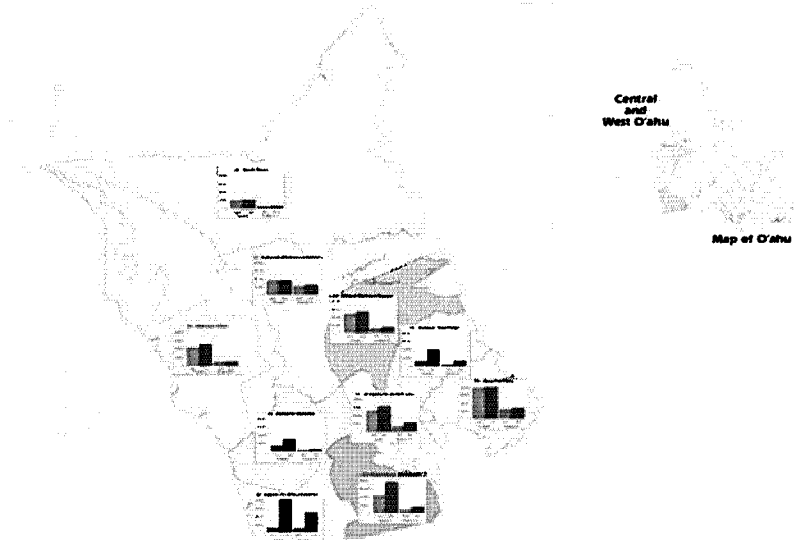
Support Growth

SUPPORT GROWTH

Project Corridor

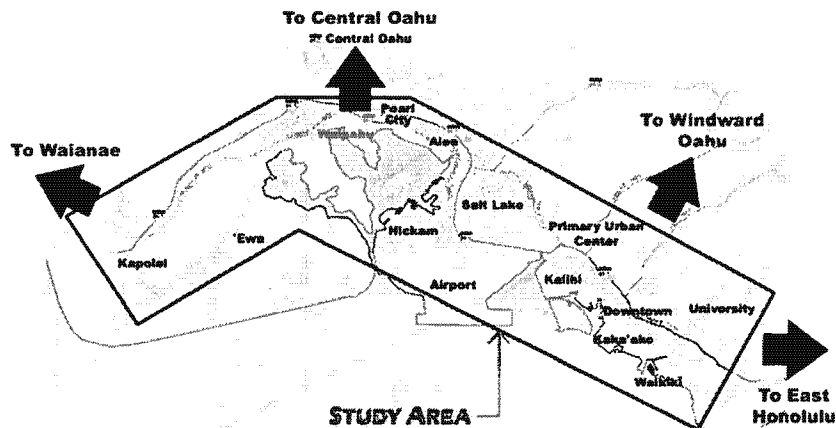


POPULATION AND EMPLOYMENT IN CENTRAL AND WEST O'AHU



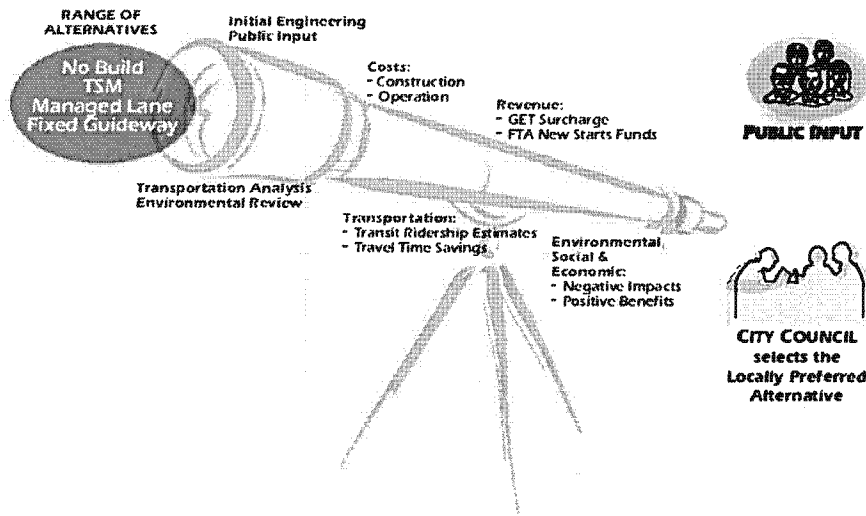
HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

FUTURE POTENTIAL EXTENSIONS



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Alternatives Analysis



Four Alternatives

- No Build
- Transportation System Management (TSM)
- Managed Lane
- Fixed Guideway

Alternative 1: No Build Alternative

- Existing bus system, with expansion only to support growth
- Projects included in the Oahu Regional Transportation Plan
 - North–South Road
 - Farrington Highway widening
 - Fort Weaver Road widening
 - Leeward Commuter Ferry
 - H-1 Improvements
 - Widening
 - Waiawa Interchange to Hālawā Interchange
 - Middle Street to Vineyard Boulevard
 - H-1 HOV lanes (Makakilo – Waiawa)
 - PM Zipper Lane

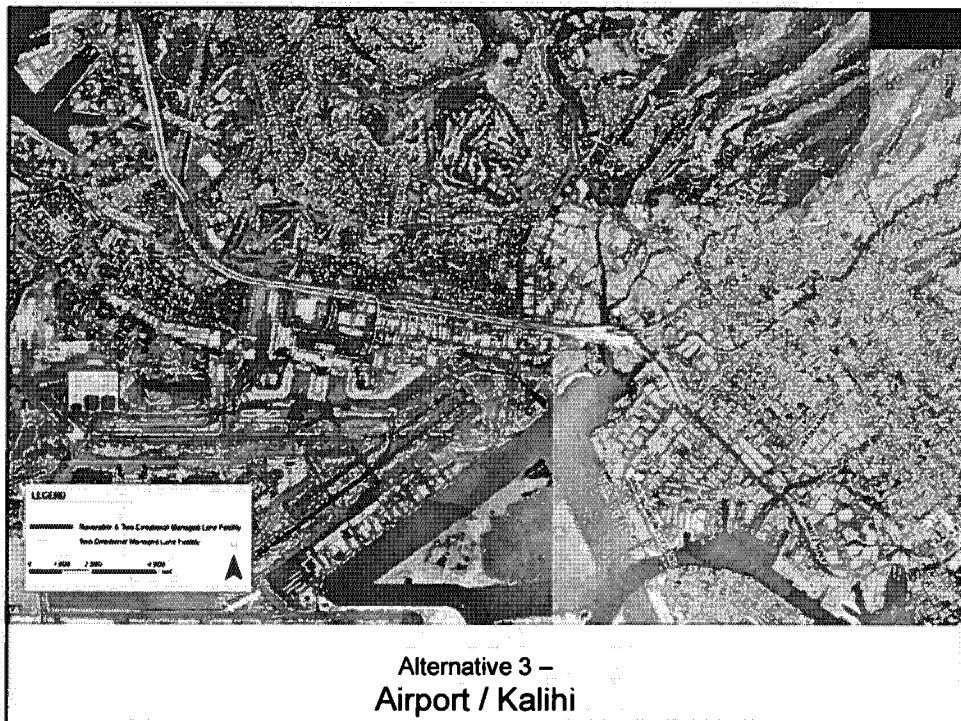
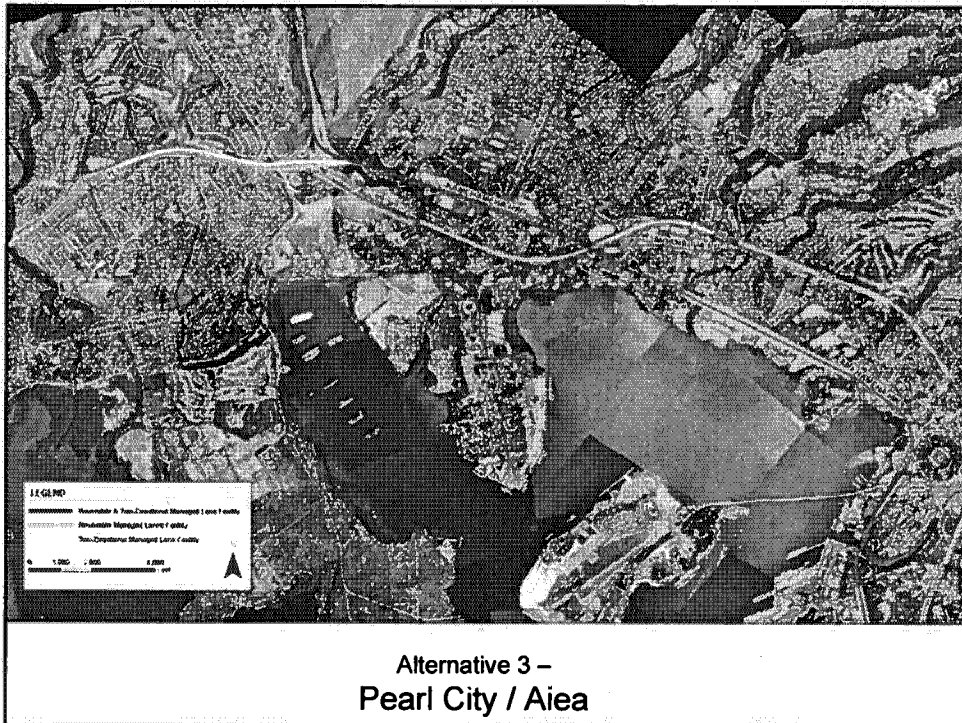
Alternative 2: Transportation System Management Alternative

- Construction of low-cost new facilities (e.g. transit centers)
- Aggressive improvements to bus system and services
- Everything included in No Build

Alternative 3: Managed Lane Alternative

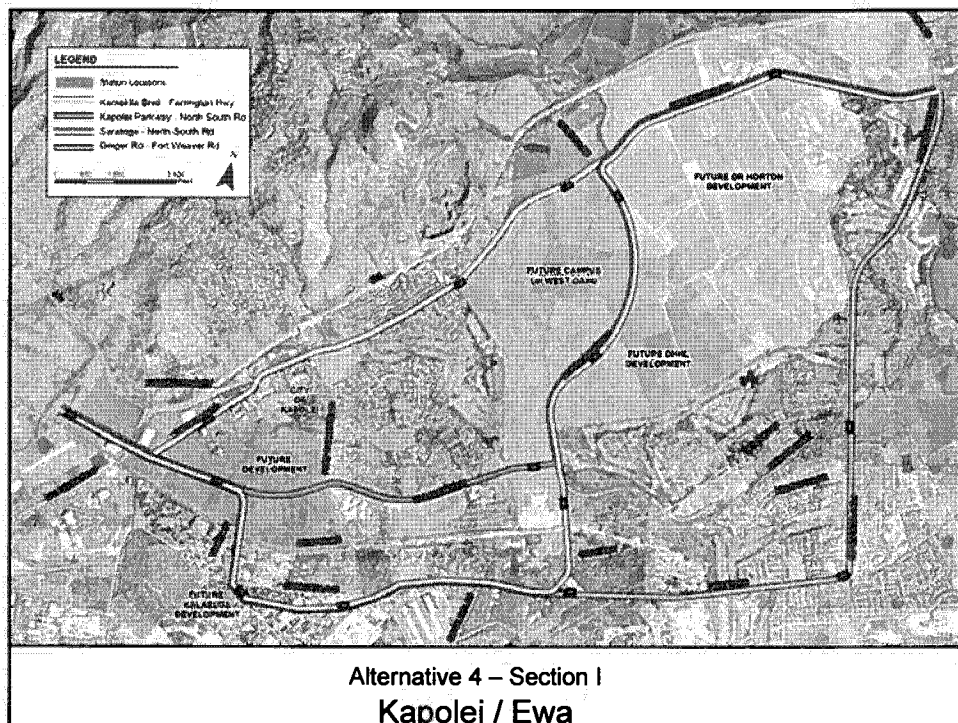
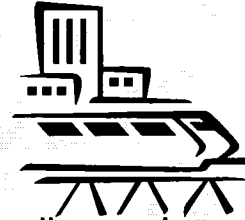
- Construction of a two-lane grade-separated guideway Waipahu to Downtown Honolulu
- Two options:
 - Two-lane reversible
 - One-lane in each direction
- “Manage” use of lanes, to maintain free-flow speeds for buses
- Allow up to available capacity:
 - High-occupancy vehicles (HOVs)
 - Toll-paying single-occupant vehicles (with variable pricing)

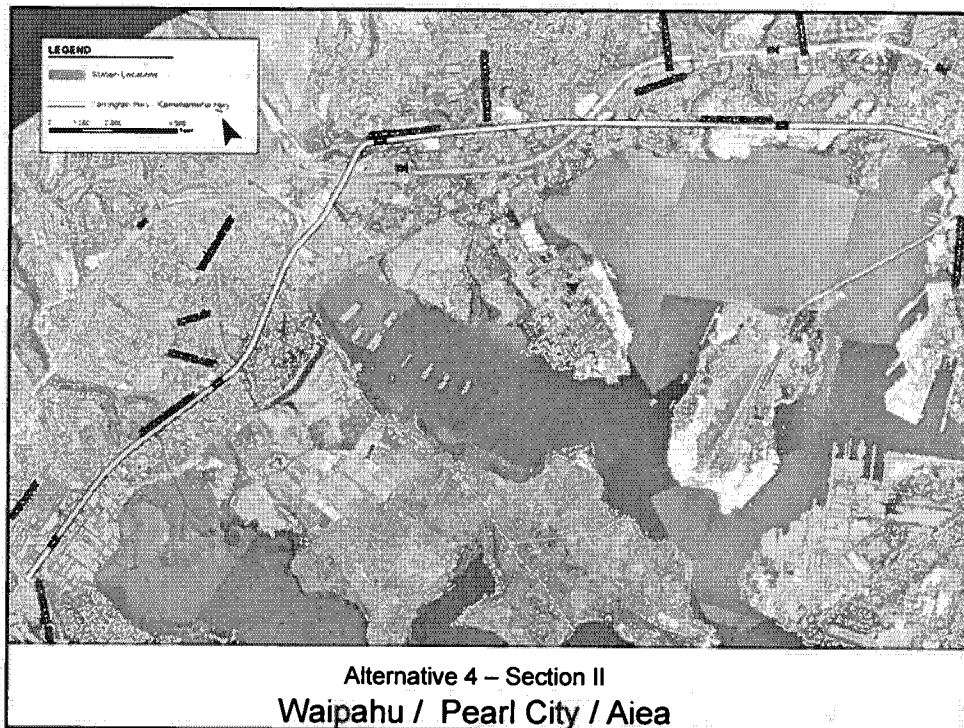




Alternative 4: Fixed Guideway Alternative

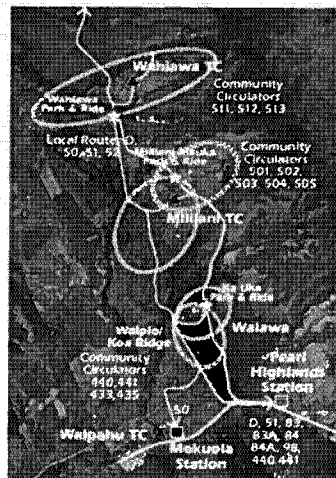
- Fixed guideway system
 - High Capacity
 - Reliable travel times
 - Integrated with bus, parking, bicycling and walking
- Multiple alignment options to mix-and-match by geography
- Four technologies being considered





SERVICE NETWORK FOR CENTRAL OAHU FIXED GUIDEWAY ALTERNATIVE

▲ Halehwa TC
Community Circulators
521, 522



* But Routes shown
represent the general
route only - not the
complete route

Route #	Headway	Comment
51	15 min	Off set with Route 50
52	15 min	
53	20-30 min	
53A	20-30 min	
54	25-30 min	
54A	25 min	
55	15 - 20 min	Longer peak operating hours
440	15 min	and buses
441	15 min	and buses

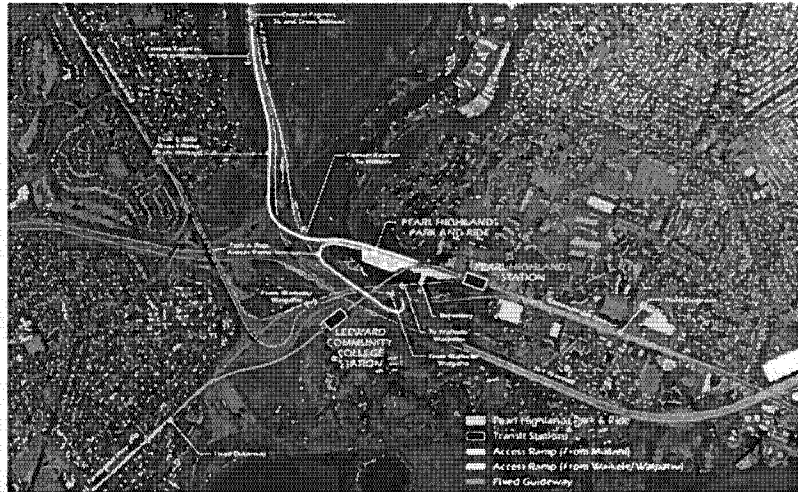
Routes Serving Mokuia Station
50 15 min Off set with Route D

- Routes D and 51 Service Ka Uka Park & Ride and Pearl Highlands FG Station all day
- Route 50 Services Ka Uka Park & Ride and Mokuia FG Station all day
- Extended Peak Hours A.M. and P.M. for Express Service
- Community Circulators On 15 Minute Intervals

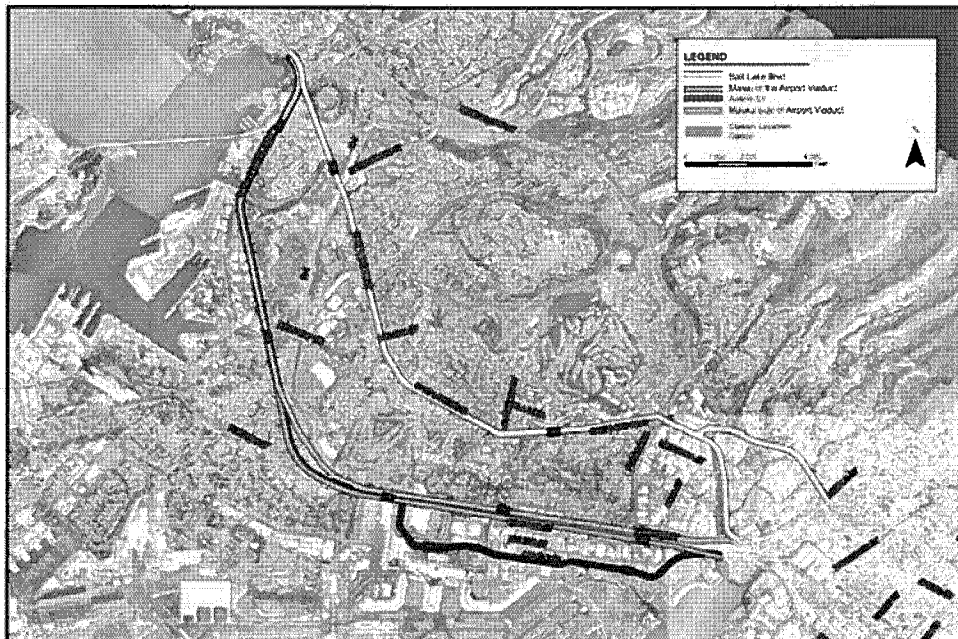
- ☆ Park & Ride
- ▲ Transit Center
- Bus Route
- Fixed Guideway Station
- Fixed Guideway Alternative

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

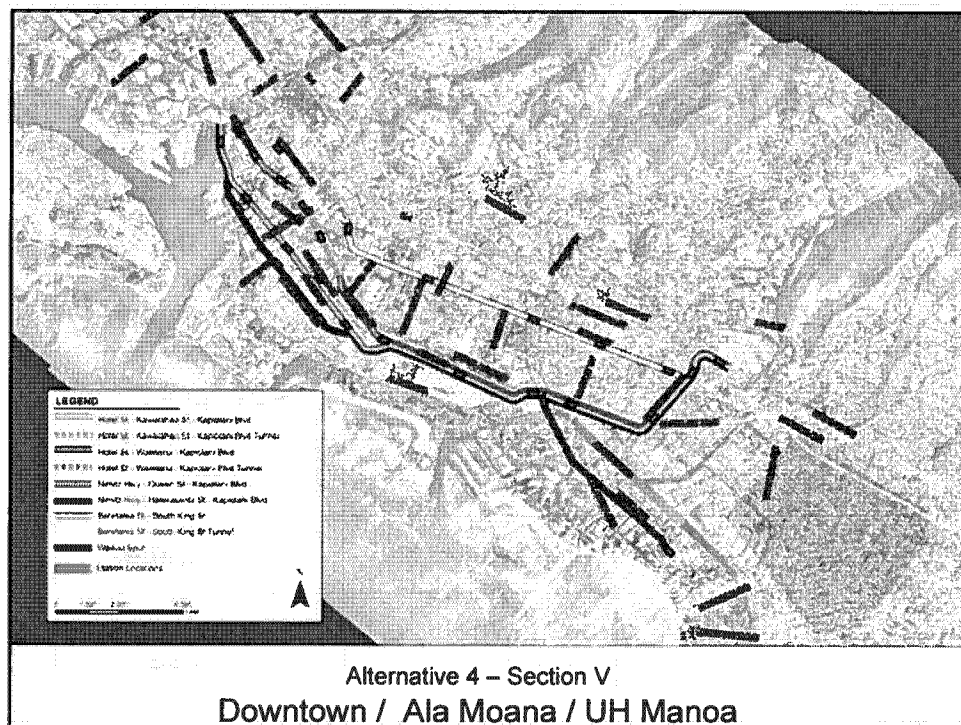
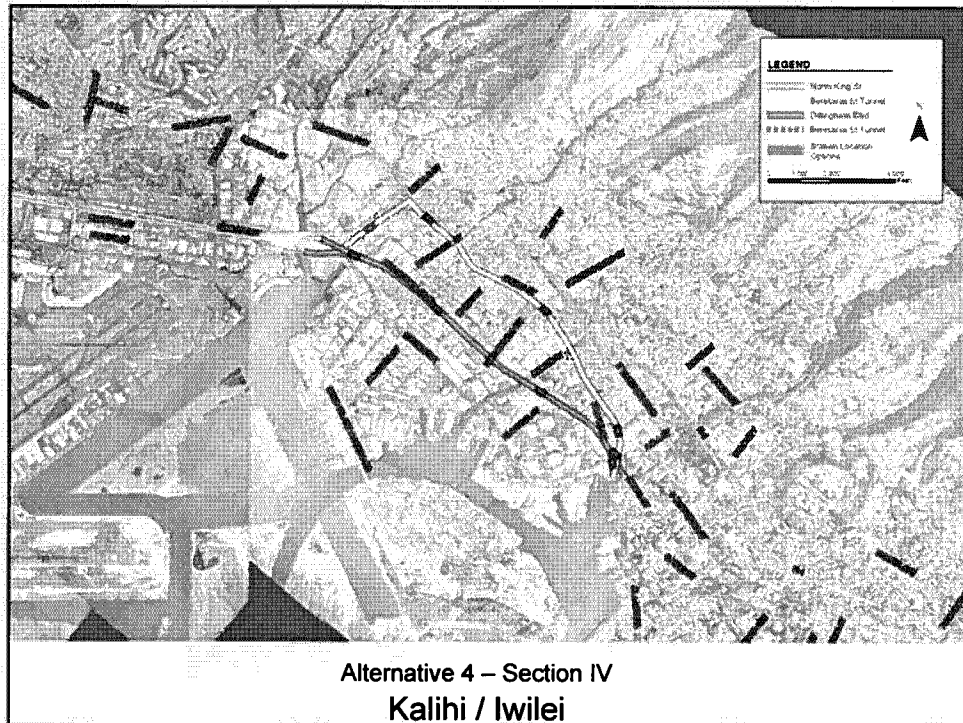
PEARL HIGHLANDS PARK AND RIDE



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT



Alternative 4 – Section III
Pearl Harbor / Salt Lake / Airport

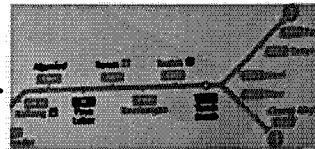


Operating Details

- When will it run?
 - From 4 a.m. to midnight, every 3 to 6 minutes.
- How much will it cost?
 - Same as TheBus, can use a transfer from one to the other.



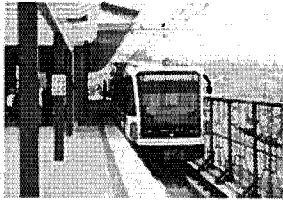
- How fast will it be...



How long will it take?

From	To	Time
Kapolei	Downtown	~ 38 minutes
Waipahu	Ala Moana Center	~ 28 minutes
Pearl Highlands	Downtown	~ 22 minutes
Airport	Waikīkī	~ 19 minutes
UH Mānoa	Downtown	~ 10 minutes

Transit Technologies Being Considered



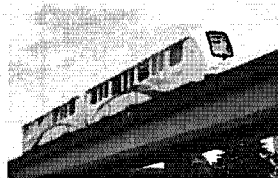
Light Rail



Monorail

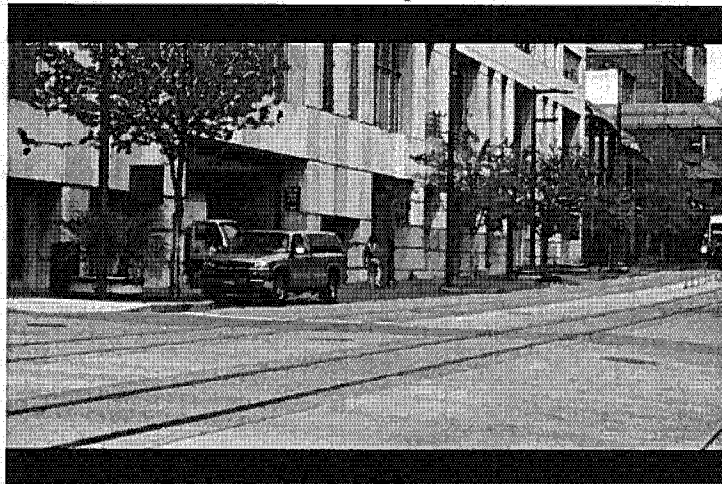


Maglev



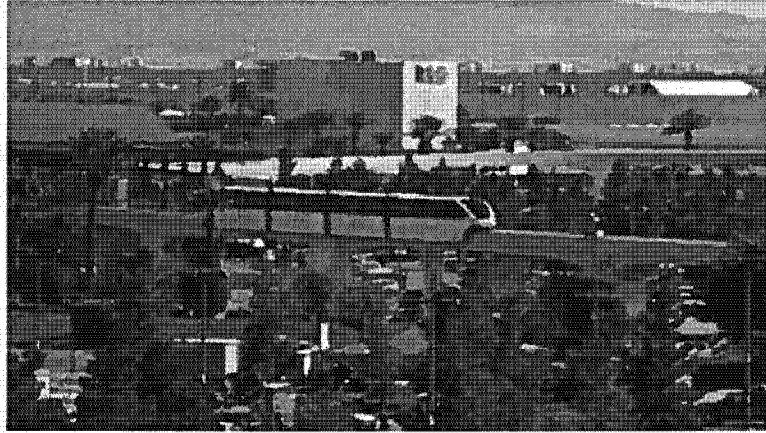
Rapid Rail

Fixed Guideway Alternative



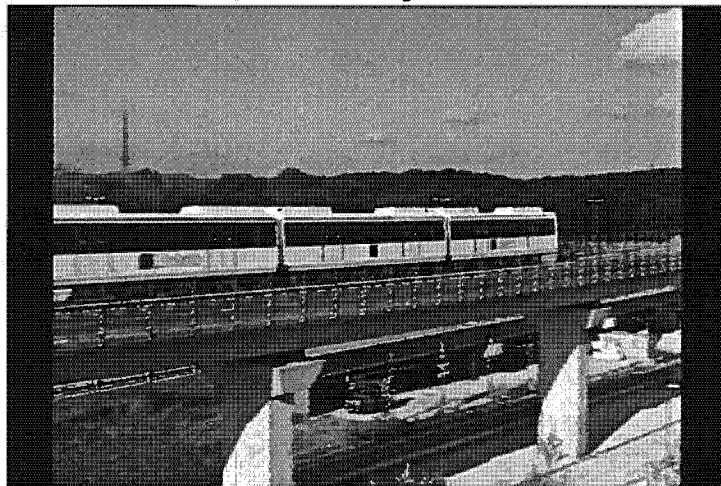
Light Rail

Fixed Guideway Alternative



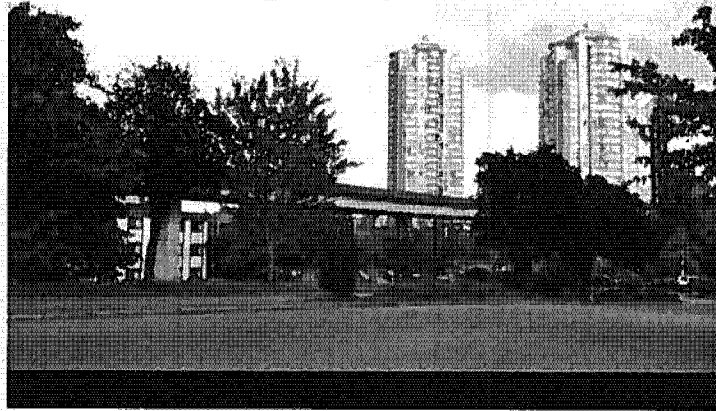
Monorail

Fixed Guideway Alternative



Maglev

Fixed Guideway Alternative



Rapid Rail

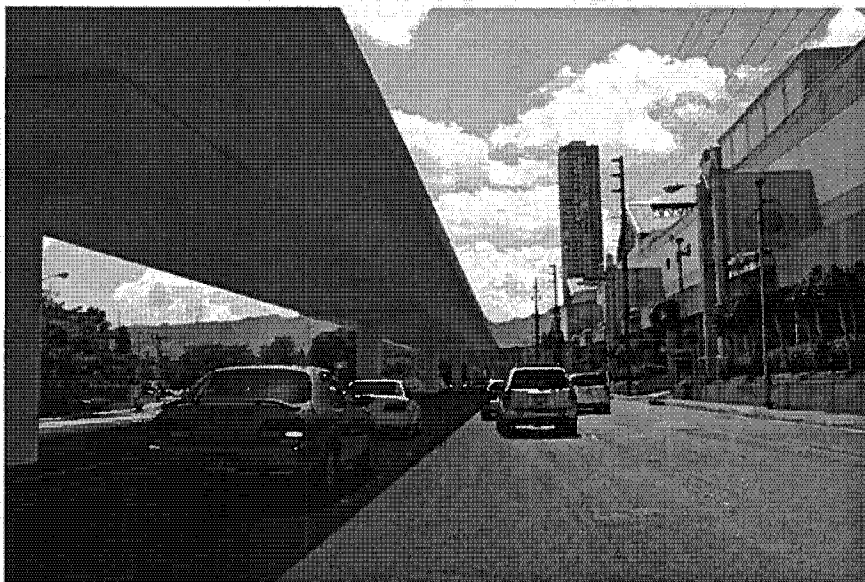
Visual Simulations



Existing View – Kamehameha Highway



Managed Lane Alternative – Kamehameha Highway



Fixed Guideway Alternative – Kamehameha Highway



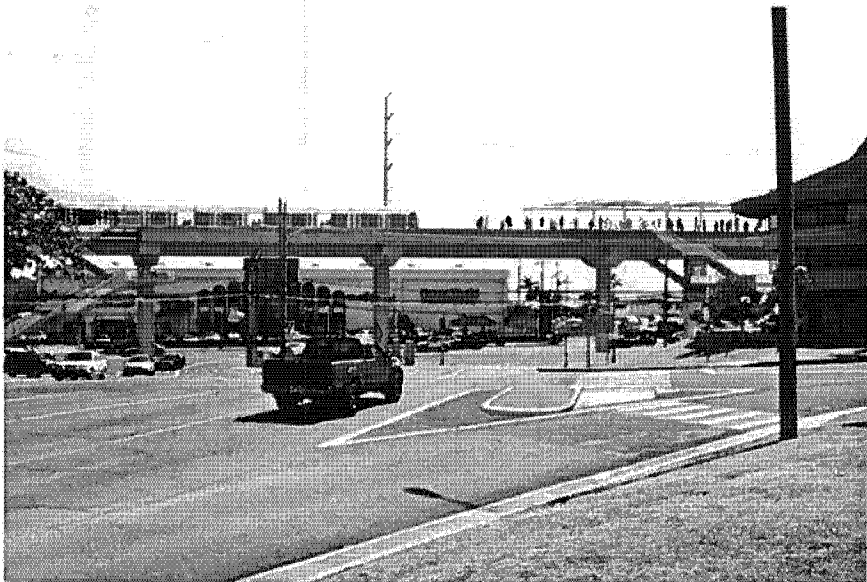
Existing View – Pearlridge Center



Reversible Managed Lane – Pearlridge Center



Fixed Guideway Station – Pearlridge Center



Existing View – Chinatown



Fixed Guideway Alternative – Chinatown



Existing View – Aloha Tower



Fixed Guideway (Halekauwila Alignment) – Aloha Tower



Existing View – Waikīkī



Fixed Guideway Alternative – Waikīkī



August Community Updates

August 8, 2006 at 7:00 p.m. Mililani High School

August 14, 2006 at 6:30 p.m. Kalani High School

August 28, 2006 at 6:00 p.m. Farrington High School

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Schedule

December 2005 Scoping Meetings - Completed

January 2006-October 2006 Technical Studies and Public Outreach

November 2006 Issue Alternatives Analysis Report

November/December 2006 Public Hearing on Alternatives Analysis

December 2006 City Council selects Locally Preferred Alternative

www.honolulutransit.org

Get Involved

- Receive mailings
- Visit www.honolulutransit.org
- Stay informed with *accurate* information

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Honolulu On The Move

The Honolulu High-Capacity Transit Corridor Project

Project Contact Sign-up

NAME	COMPANY/ ORGANIZATION	MAILING ADDRESS	EMAIL ADDRESS
Kenneth Goya		94506 Ahaua St #101 Mililani	
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Paul "	—		
Kathy Best		95-1100 Aiea Street, Mililani, HI 96789	
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Moses Lee	Retired	95-182 Hokuia Pl Mililani 96789	
Marilyn Lee	State House	95-176 New Pt. Mililani 96789	
Sam Lee	Reg. Voter	95-170 New Pt. New Pt. Ave Mililani 96789	
			96789

Date: 8/8/06

Organization:

Mililani Community Center

Honolulu On The Move

The Honolulu High-Capacity Transit Corridor Project

Project Contact Sign-up

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John Higuera	City & County of Honolulu	6505 Kaimukoo St. Ste 100	jnhiguera@hawaii.gov
Brenda and Bob B. Villiger	Waipahu 96797	94-223 Kuhena Pl.	
Elwyn Watkins		95-794 WIKAO ST Q204 MILILANI HI 96789	

Date: 8/08/06

Organization:

Mililani Community Update

Honolulu On The Move

The Honolulu High-Capacity Transit Corridor Project

Project Contact Sign-up

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Judith Lewis		95-660 Alahilani St. Mililani, HI 96789	
Gladiola Kekino		91-204 OPTO PL KAPAEHA, HI 96707	dawnm2@hawaii.rr.com

Mailin
List?

Mr. Con

Date:

Organization:

Mulilan Community Center

8/8/06

C.N

Honolulu On The Move

The Honolulu High-Capacity Transit Corridor Project

Project Contact Sign-up

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W/LES HUNKER		95-1016 WAPA ST Mililani HI 96786	LESHUNKER@YAHOO.COM
Linda Stringer	Dept of Edu.	95-279 Auhaele Ln Mililani	stringer05@hotmail.com
BEN V. ACOSTA	NB 26	1729 CALIFORNIA AVE WAAHAWA, HI 96786	bandoa601@hawaii.mcom
Chris Castell	SCU	94-511 Poloahilani St Mililani HI 96789	

Date: 8/8/01

Organization:

Mililani Comm Update

Honolulu On The Move

The Honolulu High-Capacity Transit Corridor Project

Project Contact Sign-up

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DOUG THOMAS Poirier	NEIGHBORHOOD BOARD #2	95-138 KAHUA ST MILILANI, HI 96759	aol
DICK BIRKEL	" "	9	RPOIK1E1E3@MSN.COM
GORDON BRUCE	C+C DT	4500 KILAN PL 95-1078 PAEMOKU MILILANI	GBRUC@HAWAIIAN.GOV
DOUG MOSSMAN Sminger	N.B. #35	95-1523 Chrysomela Dr Aiea, HI	—
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Landin Johnson	not	95-210 Kilauea Pl Kilauea, HI 96789	landin.j@gmail.com
Agay Lundy umetsu	registered	95-551 Kilauea Pl MILILANI 96789	—
Damela Young	Mililani Manua (W)	P.O. Box 4444 Honolulu, HI 96812	—

Date: 8/08/06

NO 35

Organization:

Mililani community up etc

